



IN THE  
UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

RECEIVED

JAN 07 2003

Technology Center 2100

SIR:

The undersigned officer of Polycom, Inc., Assignee of record of the entire right, title and interest in and to the patents and patent applications listed in Schedule A, hereby revokes all prior powers of attorney previously appointed in the patents and patent applications listed in Schedule A, and hereby appoints the agents and/or attorneys associated with the customer number **22830** to prosecute these applications and to transact all business in the U.S. Patent and Trademark Office connected therewith.

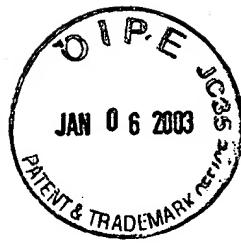
Please direct all communication relative to said patents and applications to the following correspondence address:

Susan Yee  
CARR & FERRELL LLP  
2225 East Bayshore Road, Suite 200  
Palo Alto, CA 94303  
TEL: (650) 812-3423  
FAX: (650) 812-3444

Date: 1 November 2002

By:

Jeffrey Rodman  
Jeffrey Rodman  
Chief Technology Officer  
Polycom, Inc.  
1565 Barber Lane  
Milpitas, CA 95035



IN THE  
UNITED STATES PATENT AND TRADEMARK OFFICE

RECEIVED

JAN 07 2003

STATEMENT UNDER 37 CFR 3.73(b)

Technology Center 2100

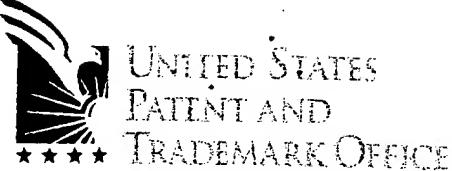
Polycom, Inc., a Delaware Corporation and owner of PictureTel Corporation, states that it is the assignee of the entire right, title, and interest in the patents and patent applications identified in Schedule A by virtue of a chain of title from the inventors of each patent and patent application identified in Schedule A to the current assignee via the attached copy of the notice of assignment located at reel 012896 and frame 0291. All frame and reel numbers where these original assignments were recorded have been included along with the inventor and original assignee information.

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

Date: 1 Nov 2002

By: J. Rodman

Jeffrey Rodman  
Chief Technology Officer  
Polycom, Inc.  
1565 Barber Lane  
Milpitas, CA 95035



JULY 18, 2002

PTAS

CARR & FERRELL LLP  
SUSAN YEE  
2225 EAST BAYSHORE ROAD  
SUITE 200  
PALO ALTO, CA 94303

Chief Information Officer  
Washington, DC 20231  
[www.uspto.gov](http://www.uspto.gov)



\*102102925A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 05/15/2002

REEL/FRAME: 012896/0291  
NUMBER OF PAGES: 104

RECEIVED

BRIEF: MERGER (SEE DOCUMENT FOR DETAILS).

JAN 07 2003

ASSIGNOR:  
PICTURETEL CORPORATION

DOC DATE: 05/24/2001 Technology Center 2100

ASSIGNEE:  
POLYCOM, INC.  
1565 BARBER LANE  
MILPITAS, CALIFORNIA 95035

SERIAL NUMBER: 08088052  
PATENT NUMBER:

FILING DATE: 07/07/1993  
ISSUE DATE:

SERIAL NUMBER: 09834325  
PATENT NUMBER:

FILING DATE: 04/13/2001  
ISSUE DATE:

SERIAL NUMBER: 09852977  
PATENT NUMBER:

FILING DATE: 05/10/2001  
ISSUE DATE:

SERIAL NUMBER: 09846508  
PATENT NUMBER:

FILING DATE: 05/01/2001  
ISSUE DATE:

012896/0291 PAGE 2

SERIAL NUMBER: 09272792  
PATENT NUMBER: 6357028

FILING DATE: 03/19/1999  
ISSUE DATE: 03/12/2002

SERIAL NUMBER: 09140941  
PATENT NUMBER:

FILING DATE: 08/27/1998  
ISSUE DATE:

SERIAL NUMBER: 09141057  
PATENT NUMBER:

FILING DATE: 08/27/1998  
ISSUE DATE:

~~SERIAL NUMBER: 09238026~~  
~~PATENT NUMBER:~~

~~FILING DATE: 01/26/1999~~  
~~ISSUE DATE:~~

SERIAL NUMBER: 09389170  
PATENT NUMBER:

FILING DATE: 09/02/1999  
ISSUE DATE:

SERIAL NUMBER: 09645369  
PATENT NUMBER:

FILING DATE: 08/24/2000  
ISSUE DATE:

SERIAL NUMBER: 09628514  
PATENT NUMBER:

FILING DATE: 07/31/2000  
ISSUE DATE:

SERIAL NUMBER: 09495134  
PATENT NUMBER:

FILING DATE: 01/31/2000  
ISSUE DATE:

SERIAL NUMBER: 09079840  
PATENT NUMBER:

FILING DATE: 05/15/1998  
ISSUE DATE:

SERIAL NUMBER: 08964324  
PATENT NUMBER:

FILING DATE: 11/05/1997  
ISSUE DATE:

SERIAL NUMBER: 09556359  
PATENT NUMBER:

FILING DATE: 04/24/2000  
ISSUE DATE:

SERIAL NUMBER: 08402550  
PATENT NUMBER: 5550924

FILING DATE: 03/13/1995  
ISSUE DATE: 08/27/1996

SERIAL NUMBER: 08030845  
PATENT NUMBER: 5374971

FILING DATE: 03/12/1993  
ISSUE DATE: 12/20/1994

SERIAL NUMBER: 07001326  
PATENT NUMBER: 4816914

FILING DATE: 01/07/1987  
ISSUE DATE: 03/28/1989

SERIAL NUMBER: 07057964  
PATENT NUMBER: 4849810

FILING DATE: 06/02/1987  
ISSUE DATE: 07/18/1989

SERIAL NUMBER: 07175661  
PATENT NUMBER: 4794455

FILING DATE: 03/21/1988  
ISSUE DATE: 12/27/1988

SERIAL NUMBER: 07698396  
PATENT NUMBER: 5150209

FILING DATE: 05/10/1991  
ISSUE DATE: 09/22/1992

SERIAL NUMBER: 07847710  
PATENT NUMBER: 5317672

FILING DATE: 03/04/1992  
ISSUE DATE: 05/31/1994

SERIAL NUMBER: 07697973	FILING DATE: 05/10/1991
PATENT NUMBER: 5155594	ISSUE DATE: 10/13/1992
SERIAL NUMBER: 07837729	FILING DATE: 02/19/1992
PATENT NUMBER: 5263019	ISSUE DATE: 11/16/1993
SERIAL NUMBER: 07659579	FILING DATE: 02/21/1991
PATENT NUMBER: 5305307	ISSUE DATE: 04/19/1994
SERIAL NUMBER: 07865319	FILING DATE: 04/09/1992
PATENT NUMBER: 5644660	ISSUE DATE: 07/01/1997
SERIAL NUMBER: 07866027	FILING DATE: 04/09/1992
PATENT NUMBER: 5283646	ISSUE DATE: 02/01/1994
SERIAL NUMBER: 07866031	FILING DATE: 05/07/1992
PATENT NUMBER: 5367385	ISSUE DATE: 11/22/1994
SERIAL NUMBER: 08132032	FILING DATE: 10/05/1993
PATENT NUMBER: 5664021	ISSUE DATE: 09/02/1997
SERIAL NUMBER: 08761349	FILING DATE: 12/06/1996
PATENT NUMBER: 5787183	ISSUE DATE: 07/28/1998
SERIAL NUMBER: 08287686	FILING DATE: 08/09/1994
PATENT NUMBER: 5742346	ISSUE DATE: 04/21/1998
SERIAL NUMBER: 08332097	FILING DATE: 10/31/1994
PATENT NUMBER: 5767897	ISSUE DATE: 06/16/1998
SERIAL NUMBER: 06740898	FILING DATE: 06/03/1985
PATENT NUMBER: 4703350	ISSUE DATE: 10/27/1987
SERIAL NUMBER: 06740897	FILING DATE: 06/03/1985
PATENT NUMBER: 4727422	ISSUE DATE: 02/23/1988
SERIAL NUMBER: 05740900	FILING DATE: 06/03/1985
PATENT NUMBER: 4661849	ISSUE DATE: 04/28/1987
SERIAL NUMBER: 06713478	FILING DATE: 03/19/1985
PATENT NUMBER: 4703349	ISSUE DATE: 10/27/1987
SERIAL NUMBER: 06740806	FILING DATE: 06/03/1985
PATENT NUMBER: 4754492	ISSUE DATE: 06/28/1988
SERIAL NUMBER: 29066171	FILING DATE: 02/06/1997
PATENT NUMBER: D308721	ISSUE DATE: 01/06/1998
SERIAL NUMBER: 29034158	FILING DATE: 01/27/1995
PATENT NUMBER: D368478	ISSUE DATE: 04/02/1996
SERIAL NUMBER: 29040801	FILING DATE: 06/27/1995
PATENT NUMBER: D374023	ISSUE DATE: 09/24/1996

SERIAL NUMBER: 08398546	FILING DATE: 03/06/1995
PATENT NUMBER: 5633681	ISSUE DATE: 05/27/1997
SERIAL NUMBER: 08355036	FILING DATE: 12/13/1994
PATENT NUMBER: 5486853	ISSUE DATE: 01/23/1996
SERIAL NUMBER: 08333755	FILING DATE: 11/03/1994
PATENT NUMBER: 5821986	ISSUE DATE: 10/13/1998
SERIAL NUMBER: 29037497	FILING DATE: 04/14/1995
PATENT NUMBER: D372918	ISSUE DATE: 08/20/1996
SERIAL NUMBER: 08657636	FILING DATE: 05/30/1996
PATENT NUMBER: 5715319	ISSUE DATE: 02/03/1998
SERIAL NUMBER: 08631644	FILING DATE: 04/02/1996
PATENT NUMBER: 5805739	ISSUE DATE: 09/08/1998
SERIAL NUMBER: 29060863	FILING DATE: 10/09/1996
PATENT NUMBER: D394255	ISSUE DATE: 05/12/1998
SERIAL NUMBER: 29064655	FILING DATE: 01/08/1997
PATENT NUMBER: D389839	ISSUE DATE: 01/27/1998
SERIAL NUMBER: 09007944	FILING DATE: 01/16/1998
PATENT NUMBER: 5983252	ISSUE DATE: 11/09/1999
SERIAL NUMBER: 08925309	FILING DATE: 09/08/1997
PATENT NUMBER: 6141597	ISSUE DATE: 10/31/2000
SERIAL NUMBER: 08729183	FILING DATE: 10/11/1996
PATENT NUMBER: 5963192	ISSUE DATE: 10/05/1999
SERIAL NUMBER: 08914668	FILING DATE: 08/18/1997
PATENT NUMBER: 5943248	ISSUE DATE: 08/24/1999
SERIAL NUMBER: 08914384	FILING DATE: 08/18/1997
PATENT NUMBER: 5987131	ISSUE DATE: 11/16/1999
SERIAL NUMBER: 09014942	FILING DATE: 01/28/1998
PATENT NUMBER: 6285661	ISSUE DATE: 09/04/2001
SERIAL NUMBER: 29099157	FILING DATE: 01/14/1999
PATENT NUMBER: D446531	ISSUE DATE: 08/14/2001
SERIAL NUMBER: 09028714	FILING DATE: 02/24/1998
PATENT NUMBER: 6240140	ISSUE DATE: 05/29/2001
SERIAL NUMBER: 07289375	FILING DATE: 12/23/1988
PATENT NUMBER: 5001560	ISSUE DATE: 03/19/1991
SERIAL NUMBER: 08726959	FILING DATE: 10/07/1996
PATENT NUMBER: 5924064	ISSUE DATE: 07/13/1999

012896/0291 PAGE 5

SERIAL NUMBER: 08416525  
PATENT NUMBER: 5664057

FILING DATE: 04/03/1995  
ISSUE DATE: 09/02/1997

SERIAL NUMBER: 08663670  
PATENT NUMBER: 5778082

FILING DATE: 06/14/1996  
ISSUE DATE: 07/07/1998

SAUNDRA BALLENGER, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS



Patents and patent applications now owned by Polycom, Inc. through recorded merger. Recordation date: May 15, 2002

Patent No.	Serial No.	Title	Assignment	Reel	Frame
		All Patents and Applications listed below	PictureTel Corp. to Polycom, Inc.	012896	0291
Patent No.	Serial No.	Title	Assignment	Reel	Frame
09/834,325	Modular Video Conferencing System	Clapp, Craig S.K. & Brown, Gary Arthur to PictureTel Corp.	11950	0615	
09/852,977	Video Coding Using Multiple Buffers	Gu, Qunshan to PictureTel Corp.	12035	0257	
09/846,508	Filtering Artifacts From Multi-Threading	Gu, Qunshan to PictureTel Corp.	1232	0926	
6,357,028	09/272,792	Error Correction And Concealment During Data Transmission	Zhu, Qin-Fan to PictureTel Corp	9941	0821
09/140,941	Adaptive Electronic Zoom Control	Malkin, Kenneth W. & Baxter, Larry K. to PictureTel Corp.	9413	0122	
	Electronic Pan Tilt Zoom Video Camera With Adaptive Edge Sharpening Filter	Malkin, Kenneth W.; Baxter, Larry K.; Taetzsch, Steven C.; Phelps, Daniel R. to PictureTel Corp.	9422	0194	
	Error Recovery Method For Video Compression Coding Using Multiple Reference Buffers And A Message Channel	Gu, Qunshan & Root, Timothy to PictureTel Corp.	10220	0027	
09/389,170	09/645,369	Audio Conferencing System	Gerlovin, Mark W. & Chu, Peter L. to PictureTel Corp.	11440	0476
09/628,514	09/495,134	Multimedia Attachment Hub For A Video Conferencing System	Bernstein, Jeffrey G.; Clapp, Craig S.K.; Howell, Brian A. & Napoleone, Nunzio to PictureTel Corp.	11395	0693
	09/079,840	Automated Call Launching Locating An Audio Source	BalaKrishnan, Pradeep to PictureTel Corp.	10582	0303
	08/964,324	Integrated Portable Videoconferencing	Potts, Wang & Raabiner, Chu to PictureTel Corp.	9336	0275
			Forsberg, Jr., Roy W.; Rock, Alam M.; Hilsen, Dennis S.; Duckworth, Mark R. to PictureTel Corp	8809	0754
	09/556,359	Medio Role Management In A video Conferencing Network	Bernstein, Jeffrey G.; Sullivan, Gary J.; Comstock, Elizabeth M.; Kruger, William L.; Howell, Brian A.; Botzko, Stephen C.; Seller, Robert V. to PictureTel Corp.	11206	0076
5,550,924	08/402,550	Reduction of Background Noise for Speech Enhancement	Helf, Brant M. & Chu, Peter L. to PictureTel	7451	0623
5,374,971	08/030,845	Two-View Video Camera Stand and Support Method	Clapp, Craig S. K. & Duys, Anthony M. to PictureTel	6463	0681
4,816,914	07/001,326	Method and Apparatus for Efficiently Encoding and Decoding Image Sequences	S. Staffan Ericsson to Pictel	4693	0637
4,849,810	07/057,964	A Hierarchical Encoding Method and Apparatus for Efficiently Communicating Image Sequences	S. Staffan Ericsson to PictureTel	4760	0020
4,794,456	07/175,661	Method and Apparatus Employing Adaptive Filtering For Efficiently Communicating Image Sequences	Ericsson, S. Staffan to PictureTel	4696	0807
5,150,209	07/698,396	Hierarchical Entropy Coded Lattice Threshold Quantization	Girod, Bernd to 501 PictureTel Corp	5531	0153
5,317,672	07/847,710	Variable Bit Rate Speech Encoder	Crossman, Antony H. & Thompson, Edmund S. to PictureTel	6131	0876
5,155,594	07/697,973	Hierarchical Encoding Method And Apparatus Employing Background References for Efficiently Communicating Image Sequences	Bernstein, Jeffrey; Girod, Bernd; Yuan, Xianchong to 501 PictureTel Corp	5407	0969
5,263,019	07/837,729	Method And Apparatus For Estimating The Level Of Acoustic Feedback between a Loudspeaker and Microphone	Chu, Peter L. to PictureTel Corp.	6020	0053

RECEIVED  
JAN 07 2003  
Technology Center 2100

JAN 07 2003

## Technology Center 2100

## Schedule A

RECEIVED

JAN 07 2003

Technology Center 2100

2 of 3

Patent No.	Serial No.	Title	Assignment	Reel	Frame
5,305,307	07/659,579	Adaptive Acoustic Echo Canceller Having Means for Reducing or Eliminating Echo in a Plurality of Signed Bandwidths	Chu, Peter L. to Picturetel Corp.	5616	0040
5,644,660	07/865,319	Method And Apparatus For Efficiently Transmitting Foreced Updates In A Moving Picture Code	Bruder, John E. to Picturetel	6153	0109
5,283,646	07/866027	Quantizer Control Method And Apparatus	Bruder, John E. to Picturetel	6161	0199
		Method And Apparatus For Processing Block Coded Image Data To Reduce Boundary Artifacts Between Adjacent Image Blocks	Yuan, Xiancheng to Picturetel	6150	0578
5,367,385	07/866,031	Microphone System For Teleconferencing System	Chu, Peter Lee & Barton, William F. to Picturetel	6823	0714
5,664,021	08/132,032	Microphone System For Teleconferencing System	Chu, Peter Lee & Barton, William F. to Picturetel	6823	714-716
5,787,183	08/761,349	Spatially Adaptive Blur Filter	Sievers, John C. & Bruder, John E. to Picturetel	7292	0812
5,742,346	08/287,686	Video Conferencing System	Howell, Brian A. to Picturetel	7382	044
5,767,897	08/332,097	Method And Apparatus For Efficiently Communicating Image Sequences	Hinman, Brian L. to 501 Pictel Corp(spelling error)	4415	0982
4,703,350	06/740,898	Method And Apparatus For Efficiently Communicating Image Sequences Having Improved Motion Compensation	Hinman, Brian L. to 501 Pictel Corp	4414	0143
4,727,422	06/740,897	Method And Apparatus For Providing Motion Estimation Signals For Communicating Image Sequences	Hinman, Brian L. & Kane, Michael D. to 501 Pictel Corp	4414	0142
4,661,849	06/740,900	Method And Apparatus For Multi-Dimensional Signal Processing Using A Short-Space Fourier Transform	Bernstein, Jeffrey G. to 501 Pictel Corp	4387	0295
		Method And System For Adapting A Digitized Signal Processing System For Block Processing With Minimal Blocking Artifacts	Malvar, Henrique S. to 501 Pictel Corp	4416	0296
D368,478	29/034,158	Video Conferencing Keypad	Bernstein, Jeffrey G. & Beck, Benjamin J. to Picturetel Corp.	7522	0737
D374,023	29/040,801	Remotely Controlled Camera	Beck, Benjamin J. & Duys, Anthony M. to Picturetel Corp.	7583	0667
		Electronically Controlled Camera Positioning System	Baxter, Larry K.; Phelps, Daniel R.; Duys, Anthony M.; Labuski, Frank to Picturetel Corp	7442	0940
5,633,681	08/398,546	Electronic Cable Interface For Electronic Camera	Baxter, Larry K. & Coffey, John J. to Picturetel Corp	7284	0010
5,486,853	08/355,036	Method And Apparatus For Visual Communications In A Scalable Network Environment	Yuan, Xiancheng & Bace, Matthew M. to Picturetel Corp.	7233	0356
5,821,986	08/333,755	Speaker Enclosure	Manganese, Michael A.& Wolf, Maximilian to Picturetel Corp	7443	0196
D372,918	29/037,497	Method And Apparatus For Steerable And Endfire Superdirective Microphone Arrays With Reduced Analog-to-Digital Converter And Computational Requirements	Chu, Peter L. to Picturetel	8082	0465
5,715,319	08/657,696		Malvar, Henrique S.; Sullivan, Gary J.; & Wornell, Gregory W. to Picturetel Corp.	8035	0837
5,805,739	08/631,644	Lapped Orthogonal Vector Quantization	Napoliene, Nunzio; Coleman, Stephen A.; DeSimone, Kendra J. to Picturetel Corp	8300	0915
D394,255	29/060,863	Integral Videoconferencing System	Woodman, Edward C.; Potts, Steven L.; Reed, Adam; Siggelkoe, Russell; Wang, Hong	8605	0053
D389,839	29/064,655	Directional Microphone			

Patent No.	Serial No.	Title	Assignment	Reel	Frame
5,983,252	09/007,944	Pseudo-Random Number Generator Capable of Efficiently Exploiting Processors Having Instruction-Level Parallelism And The Use Thereof For Encryption	Clapp, Craig S. K. to Picturetel Corp	9252	0147
6,141,597	08/925,309	Audio Processor	Botzko, Stephen C. & Franklin, David M. to Picturetel Corp	8992	0212
5,983,192	08/729,183	Audio Processor	Botzko, Stephen C. & Franklin, David M. to Picturetel Corp	8992	0212
5,943,248	08/914,668	W-Bit Non-Linear Combiner for Pseudo-Random Number Generation	Clapp, Craig S.K. to Picturetel Corp	8992	0212
5,987,131	08/914,384	Cryptographic Key Exchange Using Pre-Computation	Clapp, Craig S.K. to Picturetel Corp	9022	0018
6,285,661	09/014,942	Low Delay Real Time Digital Video Mixing For Multipoint Video Conferencing	Zhu, Qin-Fan & Kerofsky, Louis J. to Picturetel Corp	9009	0004
D446,531	29/099,157	Video Camera	Beck, Benjamin J.; Duys, Anthony M.; Labuski, Frank to Picturetel Corp.	9004	0469
6,240,140	09/028,714	Channel Aggregation Having Low Latency And Overhead method and apparatus employing adaptive filtering for efficiently communicating image sequences	Lindbergh, David J. & Bernstein, Jeffrey G. to Picturetel Corp.	10000	0103
5,001,560	07/289,375	Variable length coding using a plurality of region bit allocation patterns	Ericsson, S. Staffan to Picturetel	9355	0803
5,924,064	08/726,959		Helf, Brant M. Picturetel Corp.	4696	0807
5,664,057	08/416,525	Fixed Bit Rate Speech Encoder/Decoder	no assignment in file 416525, 08/088309 not on list, not in box	8281	0146
5,778,082	08/663,670	Method And Apparatus For Localization Of An Acoustic Source	no US docket SDAC-P-050 box 13 (only PCT)		

RECEIVED  
JAN 07 2003  
Technology Center 2100